

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard East-West Interceptor

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	11/08/2018 11/08/2018	Bob Duffey

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0020_01_s_2013_9				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0020_01_s_2013_10				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0020_01_s_2013_11				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 West Levee	Right	1.75	11/08/2018 11/08/2018	Bob Duffey

LM Start	0.51	Rating **	M	Issue No.	25
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.171392°	39.171317°
				-121.750478°	-121.744545°
DWR ID	DWR_ST0020_01_f_2016_25				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Olleanders are partially blocking visibility and access.					

No Photos

LM Start	0.62	Rating **	U	Issue No.	4
LM End	0.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.171292°	39.171232°
				-121.748868°	-121.748175°
DWR ID	DWR_NA0020_01_s_2012_4				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the concrete ditch.					

Photo 1 of 2 : FA_2018_ST0020_213_4_20180905_00004.jpg



View the erosion along the concrete ditch.

LM Start	0.62	Rating **	U	Issue No.	4 (cont)
LM End	0.65	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_ST0020_213_4_20180905_00005.jpg



Another view the erosion along the concrete ditch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 West Levee	Right	1.75	11/08/2018 11/08/2018	Bob Duffey

LM Start	1.36	Rating **	A	Issue No.	8
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.171188°	39.171110°
				-121.734652°	-121.730225°
DWR ID	DWR_ST0020_01_f_2017_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation was mowed along both slopes.					

Photo 1 of 1 : FA_2018_ST0020_213_8_20181113_00023.jpg



View of no vegetation along both slopes.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	11/08/2018 11/08/2018	Bob Duffey

LM Start	0.29	Rating **	M	Issue No.	31
LM End	0.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.171008 °	39.171008 °
				-121.721025 °	-121.721025 °
DWR ID	DWR_ST0020_02_f_2016_31				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2018_ST0020_214_31_20180905_00013.jpg



View of the overgrown trees blocking visibility and access.

LM Start	0.54	Rating **	A	Issue No.	22
LM End	0.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.171012 °	39.170918 °
				-121.716450 °	-121.709482 °
DWR ID	DWR_ST0020_02_f_2018_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation was removed from the waterside slope.					

Photo 1 of 1 : FA_2018_ST0020_214_22_20181113_00047.jpg



View of no vegetation on the waterside slope.

LM Start	0.54	Rating **	A	Issue No.	19
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.171032 °	39.170853 °
				-121.716310 °	-121.701775 °
DWR ID	DWR_ST0020_02_f_2017_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation was removed from the landside slope.					

Photo 1 of 2 : FA_2018_ST0020_214_19_20181113_00046.jpg



View of no vegetation on landside slopes.

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Unit No. 02 East Levee	Left	3.05	11/08/2018 11/08/2018	Bob Duffey

LM Start	0.54	Rating **	A	Issue No.	19 (cont)	
LM End	1.32	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			39.171032 °		39.170853 °
				-121.716310 °		-121.701775 °
DWR ID	DWR_ST0020_02_f _ 2017_19					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						
The vegetation was removed from the landside slope.						

Photo 2 of 2 : FA_2018_ST0020_214_19_20180905_00008.jpg



View of the vegetation along the landside slope.

LM Start	0.95	Rating **	M	Issue No.	20
LM End	1.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.170927 °	39.170853 °
				-121.708675 °	-121.701775 °
DWR ID	DWR_ST0020_02_f _ 2017_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the waterside slope.					

Photo 1 of 2 : FA_2018_ST0020_214_20_20180905_00010.jpg



View of the native vegetation on the waterside slope.

LM Start	0.95	Rating **	M	Issue No.	20 (cont)
LM End	1.32	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_ST0020_214_20_20180905_00011.jpg



View of the native vegetation on the waterside slope.

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